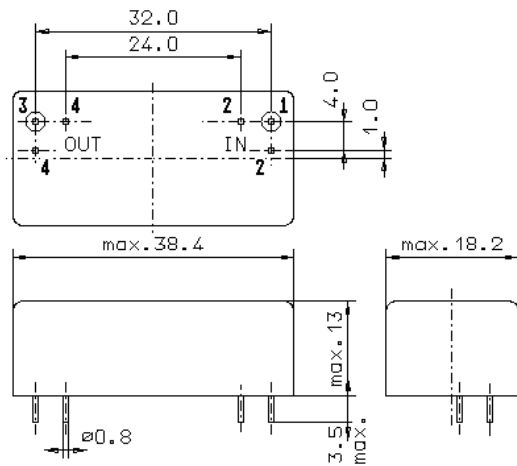


Specification for monolithic crystal filter:

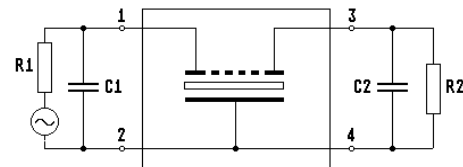
MQF 10.0-0320/03

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.0-0320/03 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -30°C to +85°C |
| 1.5. Storage temperature range: | -55°C to +105°C |

2. Electric values

- | | |
|---|------------------------------------|
| 2.1. Nominal centre frequency fo: | 10.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 6 dB - frequencies: | $\geq f_o \pm 1.6$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_o \pm 1.2$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 4.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_o \pm 3.5$ kHz | ≥ 40 dB |
| 2.3.2. $f_o \pm 4.5$ kHz | ≥ 60 dB |
| 2.3.3. $f_o \pm 5.0$ kHz | ≥ 70 dB |
| 2.3.4. $f_o \pm 6.0$ kHz | ≥ 80 dB |
| 2.3.5. $f_o \pm 8.0$ kHz | ≥ 90 dB |

- | | |
|--|------------------------|
| 2.4. Terminating impedance (input and output): | 1000 Ω // 25 pF |
|--|------------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
MQF 10.0-0320/03 |
|-------------|---|

- | | |
|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
|----------------------------|---|

Edited by: _____ date: _____ name: _____